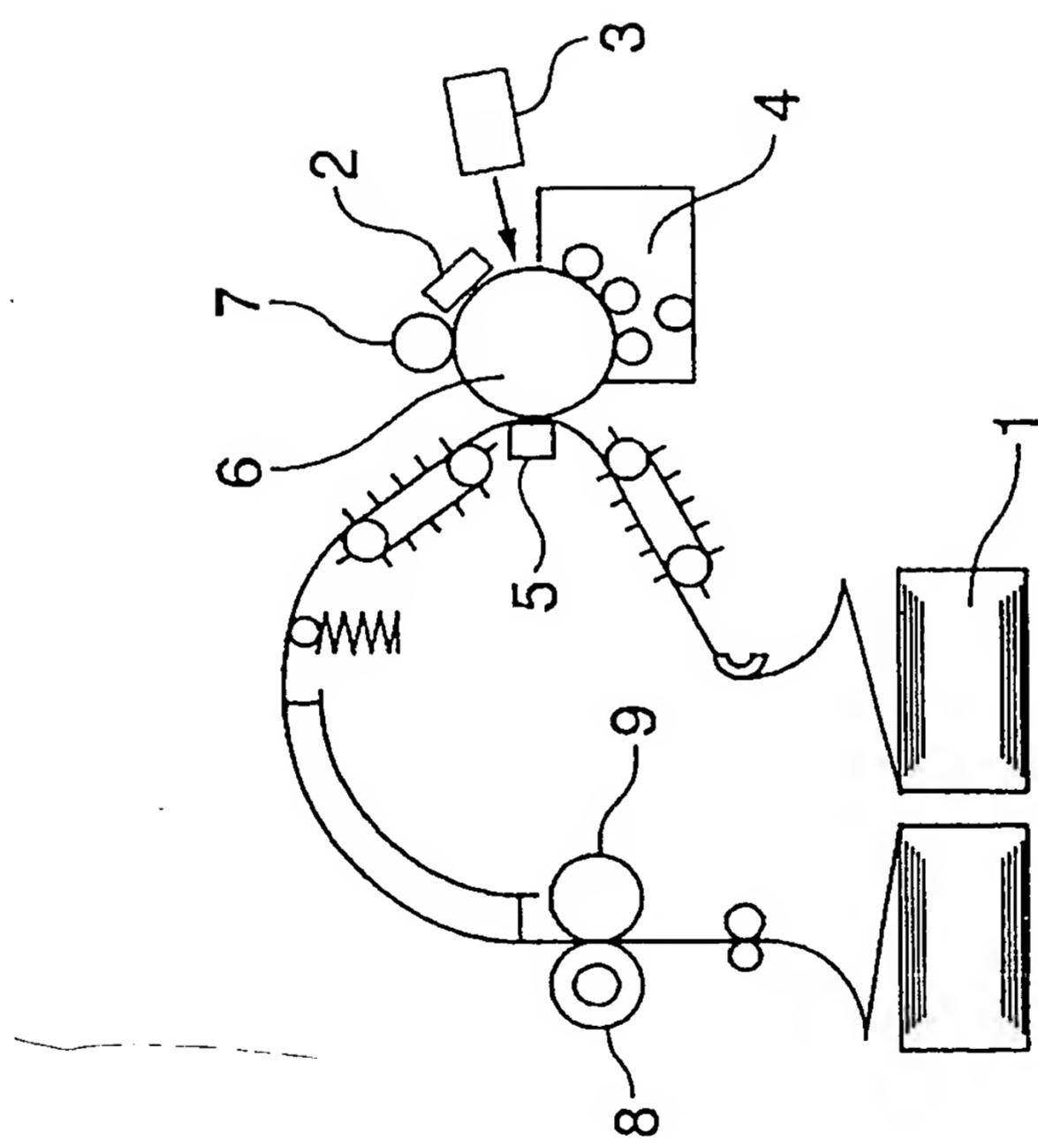


Fig. 1



**Fig. 2**

	Coloring pigment	Toner			External additive	
		Kind	Wax			
			Molecular weight expressed in polyethylene (Mn)	Maximum absorption peak (°C)		
Example 1	Titanium oxide (TiO)	Polypropylene wax BISCOL 660P	1070	141.2	SiO <sub>2</sub>	
Example 2	Titanium oxide (TiO)	Polypropylene wax BISCOL 660P	1070	141.2	TiO <sub>2</sub>	
Example 3	Titanium oxide (TiO)	NEOWAX AL	430	98.4	TiO <sub>2</sub>	
Example 4	Titanium oxide (TiO)	Paraffin wax HNP-11 Polyethylene wax PW1000	390 820	70.6 (109.4)	TiO <sub>2</sub> SiO <sub>2</sub>	
Example 5	Titanium iron oxide (FeTiO <sub>3</sub> )	Fischer-Tropsch wax SPRAY30	520	91.9	TiO <sub>2</sub>	
Example 6	Titanium iron oxide (FeTiO <sub>3</sub> )	Paraffin wax HNP-11 Polyethylene wax PW1000	390 820	70.6 (109.4)	TiO <sub>2</sub> SiO <sub>2</sub>	
Example 7	Triiron tetroxide (Fe <sub>3</sub> O <sub>4</sub> )	Polypropylene wax BISCOL 660P	1070	141.2	TiO <sub>2</sub> SiO <sub>2</sub>	
Example 8	Triiron tetroxide (Fe <sub>3</sub> O <sub>4</sub> )	Polyethylene wax PW1000	820	109.4	TiO <sub>2</sub>	
Example 9	Triiron tetroxide (Fe <sub>3</sub> O <sub>4</sub> )	Fischer-Tropsch wax SPRAY30	520	91.9	SiO <sub>2</sub>	
Example 10	Triiron tetroxide (Fe <sub>3</sub> O <sub>4</sub> )	Paraffin wax HNP-11 Fischer-Tropsch wax SPRAY30	390 520	70.6 (91.9)	TiO <sub>2</sub> SiO <sub>2</sub>	
Example 11	Titanium oxide (Ti <sub>2</sub> O <sub>3</sub> )	NEOWAX AL	430	98.4	TiO <sub>2</sub>	
Example 12	Titanium oxide (Ti <sub>4</sub> O <sub>7</sub> )	NEOWAX AL	430	98.4	TiO <sub>2</sub>	
Comparative Example	Carbon black	Polypropylene wax BISCOL 660P	1070	141.2	SiO <sub>2</sub>	

Fig. 3

	Printing Change and Fixing Characteristic of Toner				
	Image density	Image density after 50000 pages' printing	Non-offset temperature range (°C)	Tape peel strength (%)	Rubbing strength (%)
Example 1	1.38	1.28	185~>220	65	62
Example 2	1.43	1.43	185~>220	63	59
Example 3	1.46	1.43	170~>220	88	91
Example 4	1.43	1.42	165~>220	92	89
Example 5	1.31	1.32	170~>220	85	84
Example 6	1.33	1.32	165~>220	87	89
Example 7	1.08	1.06	185~>220	58	55
Example 8	1.26	1.26	170~>220	77	81
Example 9	1.18	1.17	165~>220	83	84
Example 10	1.36	1.33	165~>220	87	87
Example 11	1.38	1.36	170~>220	85	86
Example 12	1.20	1.18	170~>220	81	89
Comparative Example	1.42	1.39	180~>220	68	64